

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	10/826249	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/05 18:43
S2	940	(reed near relay)and metal\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/05 18:44
S3	23	(reed near relay)and (liquid near metal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/05 18:48
S4	23	(reed near relay)and (liquid near metal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/05 18:48
S5	2	"20040202895"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 14:18
S6	4	"11102508"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 14:20
S7	11	"6433993"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 14:27
S8	24	"5387315"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 14:59
S9	11	"689976"	USPAT	OR	OFF	2008/03/06 15:49
S10	8	"6689976"	USPAT	OR	OFF	2008/03/06 15:50
S11	0	"20030209414"	USPAT	OR	OFF	2008/03/06 15:51

S12	2	"20030209414"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 15:52
S13	80	"6515404"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 15:52
S14	308	(liquid near(ball or sphere))and switch\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:36
S15	2308	(liquid near(ball or sphere))withswitch\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:36
S16	24	(liquid near(ball or sphere))with switch\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:36
S17	24	(liquid near(ball or sphere))with switch\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 16:37
S18	264	(200/33A).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 17:04
S19	965	((200/33A) or (200/61.11/) or (200/80A) or (200/81.9HG/) or (200/83F/)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 17:05
S20	67	S19 and ((liquid near metal) or mercury or gallium or potasium or sodium)	USPAT	OR	OFF	2008/03/06 17:05
S21	348	S19 and ((liquid near metal) or mercury or gallium or potasium or sodium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 17:05

S22	349	S19 and ((liquid near metal) or mercury or gallium or potassium or sodium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:06
S23	6	S19 and ((liquid near metal) or mercury or gallium or potassium or sodium)and (metal\$4 near(ball\$4 or sphere \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:07
S24	6	S19 and ((liquid near metal) or mercury or gallium or potassium or sodium)and (metal\$4 near(ball\$4 or sphere\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:07
S25	6	S19 and ((liquid near metal) or mercury or gallium or potassium or sodium)and (metal\$4 near(ball\$4 or sphere\$4) or paticl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:08
S26	4	"3668453"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:24
S27	3621	((liquid near metal) or mercury or gallium or potassium or sodium)and (metal\$4 near(ball\$4 or sphere\$4)or paticl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:27
S28	117	((liquid near metal) or mercury or gallium or potassium or sodium) with ((metal\$4 near(ball \$4 or sphere\$4)or paticl \$4)) and switch\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:28
S29	358	((liquid near metal) or mercury or gallium or potassium or sodium) with ((metal\$4 near(ball \$4 or sphere\$4 or paticl \$4 or drop\$4))) and switch\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:31
S30	215	((liquid near metal) or mercury or gallium or potassium or sodium) with ((metal\$4 near(ball \$4 or sphere\$4 or paticl \$4 or drop\$4))) same switch\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:31

S31	215	((liquid near metal) or mercury or gallium or potassium or sodium) with ((metal\$4 near(ball \$4 or spher\$4 or paticl \$4 or drop\$4))) same switch\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 17:32
S32	5185	((metal or gallium or potassium or sodium) adj (ball or bead))	USPAT	OR	ON	2008/04/29 18:52
S33	3131	((metal or gallium or potassium or sodium) adj (ball or bead))and (heat \$4 or melt\$4 or temperature)	USPAT	OR	ON	2008/04/29 18:52
S34	596	((metal or gallium or potassium or sodium) adj (ball or bead))and (heat \$4 or melt\$4 or temperature)and switch \$4	USPAT	OR	ON	2008/04/29 18:53
S35	1192	((metal or gallium or potassium or sodium) adj (ball or bead))and (heat \$4 or melt\$4 or temperature)and switch \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 18:53
S36	147	((((metal or gallium or potassium or sodium) adj (ball or bead))with (heat \$4 or melt\$4 or temperature))and switch \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 18:53
S37	147	((((metal or gallium or potassium or sodium) adj (ball or bead))with (heat \$4 or melt\$4 or temperature))and switch \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 18:54
S38	87705	ronald.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 19:42
S39	75	fazzio.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 19:42

S40	33	S38 and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 19:42
S41	5	S38 and S39 and metal \$4 and (ball or bead)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 19:42
S42	368829	thomas.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 19:45
S43	262	dungan.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 19:45
S44	44	S42 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 19:45
S45	0	S42 and S43 and (metal near(bead or ball))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 19:45
S46	0	S42 and S43 and (metal \$4 near(bead or ball))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 19:45
S47	33	((metal or gallium or potassium or sodium) adj (dropa44 or spher\$4)) with (heat\$4 or melt\$4 or temperature))and switch\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 20:05
S48	2	10/254463	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 20:10
S49	2	10/476093	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 20:13

S50	127	(liquid near metal\$4 near (switch\$4 or device)) and (metal near (drop\$4 or spher\$4 or bead\$4 or ball\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 20:19
S51	121	(liquid near metal\$4 near (switch\$4 or device)) and ((metal near(drop\$4 or spher\$4 or bead\$4 or ball\$3))with (melt\$4 or liquid\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 20:20
S52	484	(metal near atomiz\$4) and (device) and (melt \$4 or liquid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:03
S53	136	((metal near atomiz\$4) same(device)) and (melt \$4 or liquid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:04
S54	13	((metal near atomiz\$4) same(device)) and (melt \$4 or liquid\$4)and switch \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:04
S55	13	((metal near atomiz\$4) same(device)) and (melt \$4 or liquid\$4)and switch \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:05
S56	2	10/826249	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:18
S57	49335	(liquid near (metal or mercury or gallium or potassium or sodium))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:28
S58	1662048	(liquid near metal) or mercury or gallium or potassium or sodium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:28
S59	96953	((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:29

S60	26679	((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))and (device or switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:30
S61	1209	((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))and (device or switch)and (liquid near metal neardevice)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:30
S62	18	((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))and (device or switch)and (liquid near metal near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:30
S63	1	05/230589	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:50
S64	12	"6689976"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:57
S65	4	"2003020949"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:02
S66	0	"2003/020949"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:02
S67	4	"2003020949"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:02
S68	12	"6689976"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:05

S69	80	"6515404"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:06
S70	2	"20010048353"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:41
S71	80	"4200779"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:43
S72	27144	((((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))and (device or switch or relay or reed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:46
S73	1650	((((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))with (device or switch or relay or reed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:47
S74	1650	(((((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))with (device or switch or relay or reed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:47
S75	724166	(((((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))with (device or switch or relay or reed))and liquid or melt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:47
S76	892	(((((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))with (device or switch or relay or reed))and (liquid or melt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:48



S77	263	(((((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))with (device or switch or relay or reed))with (liquid or melt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:48
S78	530	(((((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))with (device or switch or relay or reed))and (liquid or melt)and(solid \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:49
S79	469	((((mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))with (device or switch or relay or reed))and (liquid or melt)and(solid \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:50
S80	37	((((mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))with (device or switch or relay or reed))with (liquid or melt)with(solid \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:50
S81	1479	(427/123/).OCLS.	USPAT; USOCR	OR	OFF	2008/04/30 12:58
S82	52	S81 and ( switch or relay or reed)	USPAT	OR	OFF	2008/04/30 12:59
S83	31966	(((((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4))	USPAT	OR	OFF	2008/04/30 13:01
S84	26	S81 and S83	USPAT	OR	OFF	2008/04/30 13:01
S85	0	EP19950935707	USPAT	OR	OFF	2008/04/30 13:06
S86	0	"19950935707"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/30 13:07

S87	2	"0935707"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/30 13:07
S88	20	"935707"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/30 13:07
S89	1	10/552796	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/30 14:35
S90	1029	((200/403/) or (200/80A/) or (200/80B/) or (200/81.9HG/) or (200/83F/) or (200/190/) or (200/233/) or (200/ DIG41/) or (200/ DIG30/)).OCLS.	USPAT; USOCR	OR	OFF	2008/05/02 14:15
S91	1040	((200/403/) or (200/80A/) or (200/80B/) or (200/81.9HG/) or (200/83F/) or (200/190/) or (200/233/) or (200/ DIG41/) or (200/ DIG30/)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/02 14:15
S92	226	S91 and switch\$4	USPAT	OR	OFF	2008/05/02 14:15
S93	30	S91 and (solid\$4 or frezz \$4)	USPAT	OR	OFF	2008/05/02 14:16
S94	93	S91 and (solid\$4 or frezz \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 14:16
S95	1040	((200/403/) or (200/80A/) or (200/80B/) or (200/81.9HG/) or (200/83F/) or (200/190/) or (200/233/) or (200/ DIG41/) or (200/ DIG30/)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/02 15:59

S96	1	S95 and (agglomerat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 15:59
S97	1087	((75/331/) or (75/462/) or (75/567/) or (75/589/) or (75/670/) or (75/688/) or (75/745/) or (75/953/)). OCLS.	USPAT; USOCR	OR	OFF	2008/05/02 16:00
S98	398	S97 and (solid\$4 or freez\$4 or agglomerat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:01
S99	391	S97 and (solid\$4 or freez\$4 or agglomerat\$4)and (melt\$4 or liquif\$4 or liquef\$4 or heat\$4 or warm\$4 or temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:02
S100	221	S97 and (solid\$4 or freez\$4 or agglomerat\$4)and (melt\$4 or liquif\$4 or liquef\$4 or heat\$4 or warm\$4 or temperature) and(Hg or mercury or potassium or alkan or sodium or gallium or (liquid adj metal)or((fluid\$4 or float\$4) near (switch\$4 or contact\$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:06
S101	0	"2005744390"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:48
S102	41837	roland.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:54
S103	76	fazzio.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:54
S104	76	fazzio.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:54

S105	0	S102 and S103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:54
S106	0	S102 and S103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:55
S107	87756	ronald.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:55
S108	18	S107 and "I17"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:55
S109	33	S107 and "I11"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:55
S110	33	S107 and S103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 16:56
S111	1417	((335/49/) or (335/158/) or (29/622/) or (29/34C/) or (29/756/)).CCLS.	USPAT; USOCR	OR	OFF	2008/05/02 17:12
S112	45	S111 and (solid\$4 or freez\$4 or agglomerat\$4) and(melt\$4 or liquif\$4 or liquef\$4 or heat\$4 or warm\$4 or temperature) and(Hg or mercury or potassium or alkalin or sodium or gallium or (liquid adj metal)or((fluid \$4 or float\$4) near (switch\$4 or contact \$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 17:12
S113	0	S97 and S95 and (wet near relay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 17:25

S114	0	S97 and (wet near relay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 17:25
S115	3	S95 and (wet near relay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 17:25
S116	3786356	(reed adj relay) or(liquid aj metal adj switch\$4)or (wet adj relay)or(liquid adj relay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 17:27
S117	1662797	(liquid near metal) or mercury or gallium or potassium or sodium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 17:50
S118	834354	S117 and S116	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 17:51
S119	53019	((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4 or particl\$4 or spher\$4)	USPAT	OR	OFF	2008/05/02 17:52
S120	38716	S119 and S116	USPAT	OR	OFF	2008/05/02 17:53
S121	223565	(solidif\$4 or freez\$4 or agglomera\$4) and (liquif \$4 or liquef\$4 or melt\$4 or heat\$4)	USPAT	OR	OFF	2008/05/02 17:54
S122	223565	(solidif\$4 or freez\$4 or agglomera\$4 or granolat \$4) and (liquif\$4 or liquef\$4 or melt\$4 or heat\$4)	USPAT	OR	OFF	2008/05/02 17:54
S123	514009	(solidif\$4 or freez\$4 or agglomera\$4 or granolat \$4) and (liquif\$4 or liquef\$4 or melt\$4 or heat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 17:54
S124	38716	S119 and S116	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 17:55

S125	13578	S123 and S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 17:55
S126	3675	((solidif\$4 or freez\$4 or agglomera\$4 or granolat \$4)with(((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4 or particl\$4 or spher \$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 18:20
S127	2600	((solidif\$4 or freez\$4 or agglomera\$4 or granolat \$4)with(((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4 or particl\$4 or spher\$4))) and(liquif\$4 or liquef\$4 or melt\$4 or heat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 18:21
S128	1936	S127 and S116	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 18:22
S129	3781752	((solidif\$4 or freez\$4 or agglomera\$4 or granolat \$4)with(((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4 or particl\$4 or spher\$4))) and(liquif\$4 or liquef\$4 or melt\$4 or heat\$4)and (reed adj relay) or(liquid aj metal adj switch\$4)or (wet adj relay)or(liquid adj relay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 18:23

S130	1936	((solidif\$4 or freez\$4 or agglomera\$4 or granolat\$4)with(((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4 or particl\$4 or spher\$4))) and(liquif\$4 or liquef\$4 or melt\$4 or heat\$4)and ((reed adj relay) or (liquid aj metal adj switch\$4)or(wet adj relay)or(liquid adj relay) or(wet adj switch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 18:24
S131	717	((solidif\$4 or freez\$4 or agglomera\$4 or granolat\$4)with(((liquid near metal) or mercury or gallium or potassium or sodium) with(powder or ball or bead or atomiz\$4 or particl\$4 or spher\$4))) same(liquif\$4 or liquef\$4 or melt\$4 or heat\$4)) and((reed adj relay) or (liquid aj metal adj switch\$4)or(wet adj relay)or(liquid adj relay) or(wet adj switch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 18:26
S132	196	((solidif\$4 or freez\$4 or agglomera\$4 or granolat\$4)with(((liquid near metal) or mercury or gallium or potassium? or sodium?) with(powder or ball or bead or atomiz\$4 or particl\$4 or spher\$4)))same(liquif\$4 or liquef\$4 or melt\$4 or heat\$4))and((reed adj relay) or(liquid aj metal adj switch\$4)or(wet adj relay)or(liquid adj relay) or(wet adj switch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 18:39
S133	1040	((200/403/) or (200/80A/) or (200/80B/) or (200/81.9HG/) or (200/83F/) or (200/190/) or (200/233/) or (200/DIG41/) or (200/DIG30/)).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/02 19:15

S134	14	S133 and S119	USPAT	OR	ON	2008/05/02 19:16
S135	1953	(liquid adj device)".clm"	USPAT	OR	ON	2008/05/02 19:34
S136	5028	(liquid adj device)".clm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 19:34
S137	31019	(liquid adj metal)".alm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 19:35
S138	31019	(liquid adj metal)".clm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 19:35
S139	3078	(liquid adj metal).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 19:36
S140	3078	(liquid adj metal).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 19:36
S141	28	(liquid adj metal adj switch).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 19:37
S142	28	(liquid adj metal adj switch).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 19:37
S143	1	((liquid adj metal)and (metal adj ball)and solid and (liquif\$4 or liquef \$4)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 19:41
S144	0	2003/194583	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 22:01



S145	2	"2003194583"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 22:01
S146	2	"20030194583"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/02 22:01

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